

[0037] What is claimed is:

1. An apparatus comprising:

a computer to match a request to share a desired capability by comparing stored data of a requesting device with stored data of a sharing device having the desired capability in the vicinity of the requesting device and to provide the requesting device with directions to locate the sharing device having the desired capability.

2. The apparatus of claim 1, wherein the stored data of the requesting device comprises presence data of the requesting device and wherein the stored data of the sharing device comprises presence data of the sharing device.

3. The apparatus of claim 1, further comprising:

a communication interface to provide a connection to a communication system.

4. The apparatus of claim 1, further comprising:

a database application to enable the computer to match said stored data of the requesting device and the sharing device.

5. An apparatus comprising:
 - a request generator to provide a request to share a desired capability; and
 - a locator to provide a location information to a server that is able to provide directions to locate a sharing device having the desired capability in a vicinity of the server.
6. The apparatus of claim 5, further comprising:
 - an input/output interface to provide connection to the sharing device.
7. The apparatus of claim 6, wherein the input/output interface comprises a wireless transceiver.
8. The apparatus of claim 6, wherein the input/output interface comprises an infrared transceiver.
9. The apparatus of claim 5, wherein the server is a presence server.
10. The apparatus of claim 5, wherein the locator comprises a radio triangulation system .
11. The apparatus of claim 10 wherein the radio triangulation system comprises a global positioning system.

12. A communication system comprising:

- a server to provide capabilities sharing service; and
- a mobile station to request and receive capabilities sharing service from the server based on vicinity of the mobile device to a sharing device having a desired capability.

13. The communication system of claim 12 wherein the server comprises:

- a computer to match a request to share a desired capability by comparing data of a requesting device in a requesting devices presence data with data of a sharing device having the desired capability in the vicinity of the requesting device in a sharing devices presence data and to provide to the requesting device directions to the sharing device having the desired capability.

14. The communication system of claim 12 wherein the mobile station comprises:

- a request generator to provide a request to share a desired capability; and
- a locator to provide a location information to a server that is able to provide directions to locate a sharing device having the desired capability in a vicinity of the server.

15. A method comprising:

receiving from a mobile station a request to share a desired capability located in the vicinity of said mobile station ; and

matching a sharing device to the request by comparing presence information and said desired capability of said mobile station to stored capabilities and presence information of sharing devices in the vicinity of the mobile station to find a matching sharing device.

16. The method of claim 15 further comprising:

sending to said mobile station a notification identifying the location of said matching sharing device.

17. The method of claim 15 further comprising:

sending a notification to said mobile station that no match was found.

18. The method of claim 15 further comprising:

enabling a connection between said mobile station and said matching sharing device.

19. The method of claim 15 further comprising:

updating the presence information of said mobile station and of said matching sharing device.

20. The method of claim 15, wherein receiving said request comprises receiving an identification of said mobile station.

21. The method of claim 15, wherein receiving said request comprises receiving

an updated location of said mobile station.

22. An apparatus comprising:

a request generator to provide a request to share a desired capability; and
a locator to provide a location information to a server that is able to provide directions to locate a sharing device having the desired capability in a vicinity of the server; and
an omni-directional antenna to transmit the request to the server.

23. The apparatus of claim 22, further comprising:

an input/output interface to provide connection to the sharing device.

24. The apparatus of claim 23, wherein the input/output interface comprises a wireless transceiver.

25. The apparatus of claim 22, wherein the locator comprises a global positioning system (GPS) receiver.

26. An article comprising a storage medium having stored thereon instructions that, when executed by a processing platform, result in:

receiving from a mobile station a request to share a desired capability located in the vicinity of said mobile station ; and

matching a sharing device to the request by comparing presence information and said desired capability of said mobile station to stored capabilities and presence information of sharing devices in the vicinity of the mobile station to find a matching sharing device.

27. The article of claim 26, wherein the instructions when executed further result in:

sending to said mobile station a notification identifying the location of said matching sharing device.

28. The article of claim 26, wherein the instructions when executed further result in:

updating said presence information of said mobile station and said presence information of said matching sharing device.